FIG. 1

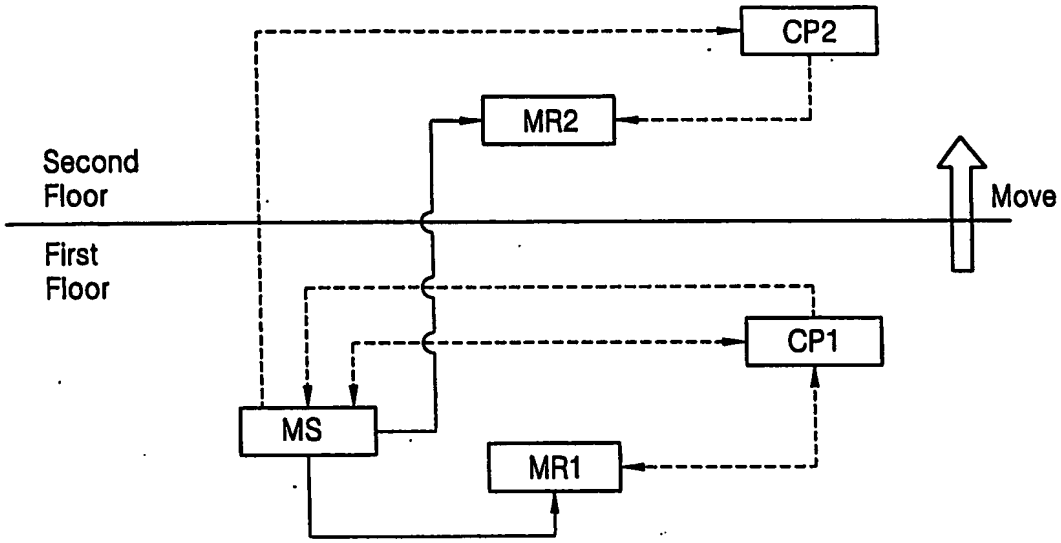

FIG. 2

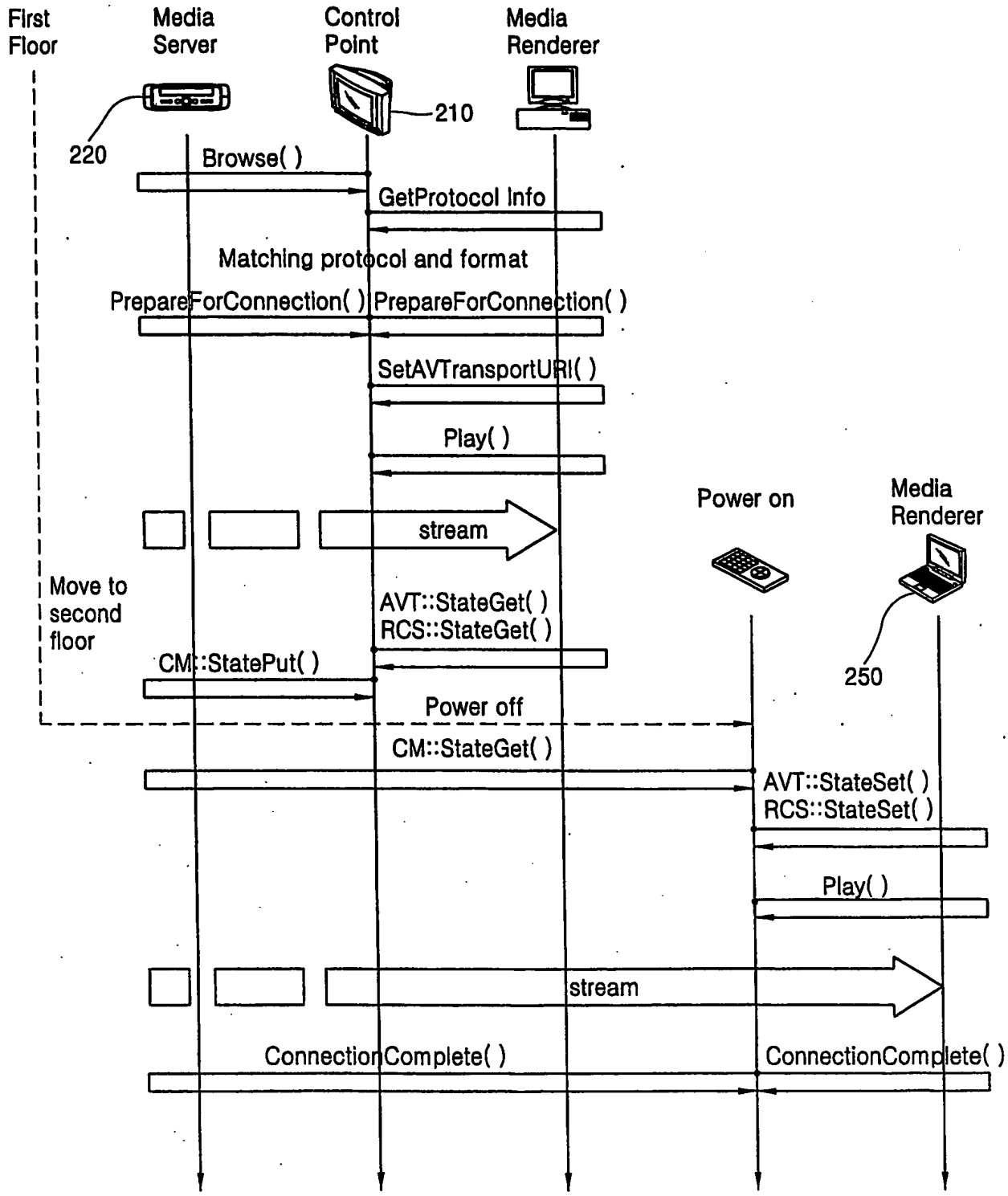
First Floor
Media Server
Control Point
Media Renderer
220
210
Browse( )
GetProtocol Info
Matching protocol and format
PrepareForConnection( )
PrepareForConnection( )
SetAVTransportURI( )
Play( )
stream
Power on
Media Renderer
Move to second floor
AVT::StateGet( )
RCS::StateGet( )
CM::StatePut( )
250
Power off
CM::StateGet( )
AVT::StateSet( )
RCS::StateSet( )
Play( )
stream
ConnectionComplete( )
ConnectionComplete( )

FIG. 3

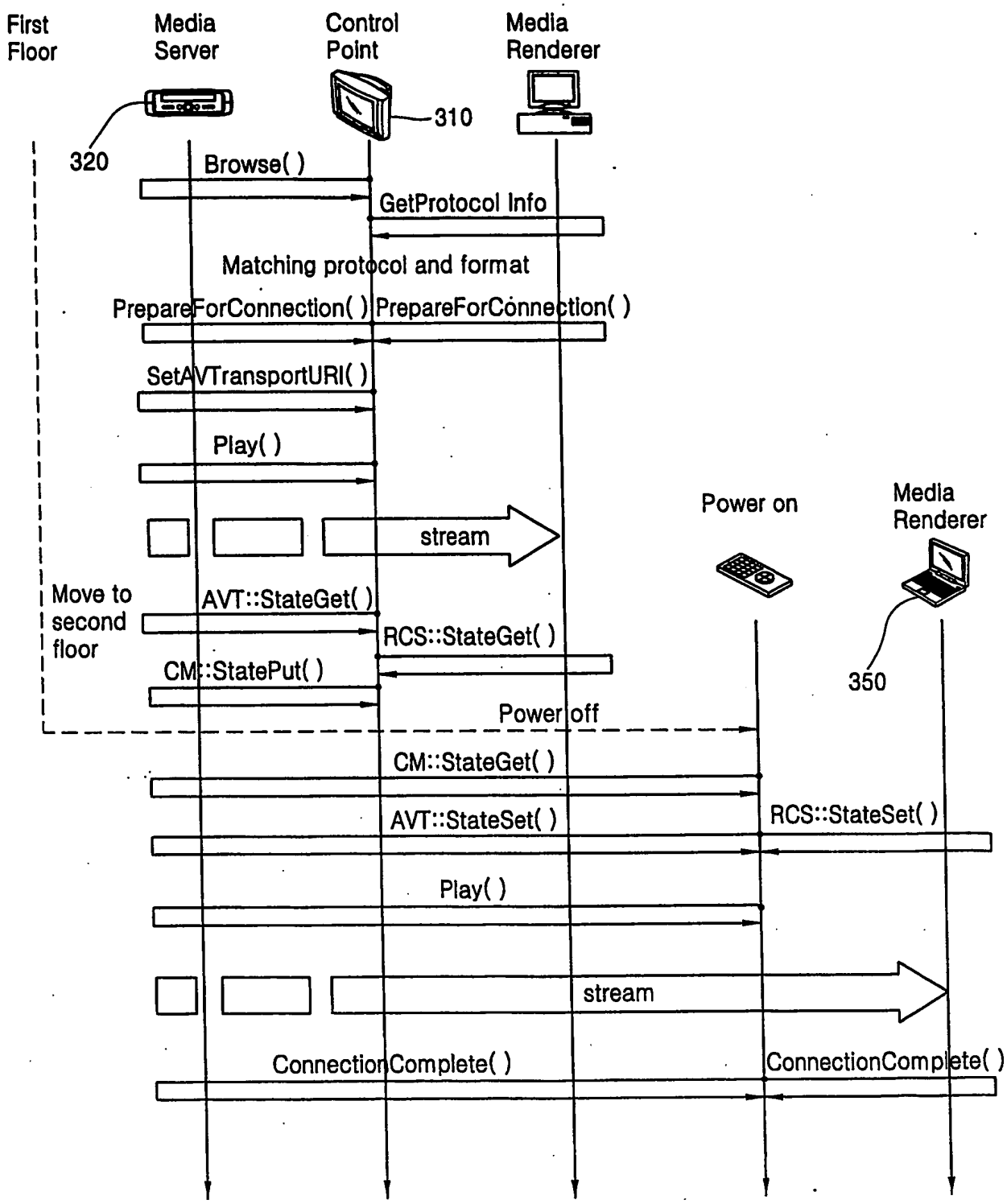
First Floor
Media Server
Control Point
Media Renderer
310
320
Browse( )
GetProtocol Info
Matching protocol and format
PrepareForConnection( )
PrepareForConnection( )
SetAVTransportURI( )
Play( )
stream
Power on
Media Renderer
Move to second floor
AVT::StateGet( )
RCS::StateGet( )
CM::StatePut( )
350
Power off
CM::StateGet( )
AVT::StateSet( )
RCS::StateSet( )
Play( )
stream
ConnectionComplete( )
ConnectionComplete( )

FIG. 4

Arguments for CM::StateGet

Argument	Direction	relatedStateVariable
ObjectID	IN	A ARG TYPE ObjectID
AVTransportState	OUT	CurrentStates
RenderingControlState	OUT	CurrentStates

FIG. 5

Arguments for CM::StatePut

Argument	Direction	relatedStateVariable
ObjectID	IN	A ARG TYPE ObjectID
AVTransportState	IN	CurrentStates
RenderingControlState	IN	CurrentStates

FIG. 6

Additional Stats variable for CM:StateGet, CM::Stateput

Variable Name	Req.or Opt.1	Data Type	Allowed Value	Default Value	Eng. Units
A ARG TYPE ObjectID	O	string			
CurrentStates	O	string			

FIG. 7

Arguments for AVT::StateGet

Argument	Direction	relatedStateVariable
ObjectID	IN	MulticastAddress
AVTransportState	OUT	CurrentStates

FIG. 8

Arguments for AVT::StateSet

Argument	Direction	relatedStateVariable
AVTransportState	IN	MulticastAddress

FIG. 9

Arguments for RCS::StateGet

Argument	Direction	relatedStateVariable
ObjectID	IN	MulticastAddress
RenderingControlState	OUT	CurrentStates

FIG. 10

Arguments for RCS::StateSet

Argument	Direction	relatedStateVariable
RenderingControlState	IN	MulticastAddress

FIG. 11

Additional State variable for AVT::StateGet, AVT::StateSet, RCS::StateGet, RCS::StateSet

Variable Name	Req.or Opt.1	Data Type	Allowed Value	Default Value	Eng. Units
A ARG TYPE ObjectID	O	string			
CurrentStates	O	string			